

HOMESTEAD VALLEY SANITARY DISTRICT
P.O. BOX 698, MILL VALLEY, CALIFORNIA 94942-0689 (415) 388-4796

DIRECTORS
President, Allan Leibof
Rick Montalvan, Secretary
Al Wuthnow
Alan Saltzman
Joan Florsheim

DISTRICT MANAGER
Bonner Beuhler

October 15, 2022

Elizabeth Aubuchon
Water Division (WTR-7)
U.S. Environmental Protection Agency, Region 9
75 Hawthorne Street
San Francisco, CA 94105

Re: Annual Report:

Dear Ms. Aubuchon,

Please find enclosed the annual report as required by EPA Enforcement Order Docket No. CWA-309(a)-08-030.

Section 1 Sewer System Cleaning and Root Control Program

1.1 Compliance Order Requirement

The Amended Order for Compliance (Docket No. CWA-309(a)-08-030) Paragraph III.A.3, Sewer System Cleaning and Root Control Program, states as follows:

“Beginning 2009, by October 15 of each year, SASM and the member agencies each shall submit an annual report to EPA documenting activities conducted under that agency’s sewer cleaning and root control program during the previous annual cycle, including miles of pipe cleaned as part of the routine and hot spot cleaning programs and miles of pipe treated by each method used for controlling roots. SASM and the member agencies each shall include a description of the success of the sewer cleaning and root control program at preventing blockages and sewage overflows as well as any changes to be made to the program to further reduce spills”.

1.2 Annual Report for Sewer System Cleaning and Root Control Program

| | | | | | | | | |
|---|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| District Pipe - 69,040 feet 13.08 miles | 10/16/14 - 10/15/15 | 10/16/15 - 10/15/16 | 10/16/16 - 10/15/17 | 10/16/17 - 10/15/18 | 10/16/18 - 10/15/19 | 10/16/19 - 10/15/20 | 10/16/20 - 10/15/21 | 10/16/21 - 10/15/22 |
| Pipe Cleaned - feet | 20,158 | 23,789 | 9,565 | 16,511 | 6,267 | 22,842 | 8,965 | 15,002 |
| Pipe Cleaned - miles | 3.818 | 4.505 | 1.811 | 3.127 | 1.187 | 4.326 | 1.698 | 2.841 |

Homestead Valley Sanitary District (Homestead Valley) cleans approximately a third of the district annually. Homestead Valley uses Roto Rooter as the district's sewer line maintenance contractor. The majority of cleaning is by rodding. Hydroflushing is generally used on plastic or HDPE pipe or in conjunction with rodding where lines are flat and subject to grit buildup or where grease has been a problem in the past. Homestead Valley does not use chemical root treatment.

SSO Reduction Statistics:

| | |
|---------------------|----|
| 01/01/06 - 12/31/06 | 6 |
| 01/01/07 - 12/31/07 | 17 |
| 01/01/08 - 12/31/08 | 9 |
| 01/01/09 - 10/15/09 | 1 |
| 10/16/09 - 10/15/10 | 3 |
| 10/16/10 - 10/15/11 | 5 |
| 10/16/11 - 10/15/12 | 4 |
| 10/16/12 - 10/15/13 | 10 |
| 10/16/13 - 10/15/14 | 8 |
| 10/16/14 - 10/15/15 | 15 |
| 10/16/15 - 10/15/16 | 8 |
| 10/16/16 - 10/15/17 | 4 |
| 10/16/17 - 10/15/18 | 7 |
| 10/16/18 - 10/15/19 | 3 |
| 10/16/19 - 10/15/20 | 7 |
| 10/16/20 - 10/15/21 | 1 |
| 10/16/21 - 10/15/22 | 5 |

The District has had five small SSOs from October 16, 2021 to October 15, 2022. (See attached CIWIQ's printout)

Section 2 Pump Station Reliability Certification

Pump Stations & Force mains:

Homestead Valley Sanitary District has no pump stations or force mains.

Section 3 Sewer Pipe and Maintenance Hole Inspection and Condition Assessment

3.1 Compliance Order Requirement

The Amended Order for Compliance (Docket No. CWA-309(a)-08-030) Paragraph IV.A.3, Sewer Pipe and Maintenance Hole Inspection and Condition Assessment, states as follows:

“By October 15, 2009, SASM and the member agencies each shall submit an annual progress report to EPA summarizing the inspection methods and findings of the sewer pipe condition assessments conducted during the previous year and the estimated miles of sewer pipe and number of maintenance holes to be inspected during the current year.”

3.2 Annual Report for Sewer Pipe and Maintenance Hole Inspection and Condition Assessment

3.3 Sewer Condition Assessment Findings of Previous Annual Cycle

Homestead Valley has substantially completed a comprehensive CCTV program of the entire collection system. Homestead Valley is continuing to work to televise those lines that have indicated potential problems noted during the annual cleaning program.

Section 4 Flow Monitoring Results

Compliance Order Requirement

The Amended Order for Compliance (Docket No. CWA-309(a)-08-030) Paragraph IV.B.2, Capacity Assessment, states as follows:

“By October 15, 2009 and each year thereafter, SASM and the member agencies each shall submit a report to EPA providing the results of collection system flow monitoring, including average dry weather flow and peak wet weather flow from each of the member agency collection systems.”

4.1 Annual Report of Flow Monitoring Results

The district conducted no flow monitoring during the reporting period.

Section 5 Infrastructure Renewal Program

5.1 Compliance Order Requirement

The Amended Order for Compliance (Docket No. CWA-309(a)-08-030) Paragraph VI.B, Infrastructure Renewal, states as follows:

Beginning 2008, by October 15 of each year, SASM and the member agencies each shall submit an annual report to EPA documenting sewer repair, rehabilitation or replacement activities completed in the previous year; describing projects to be completed in the coming annual cycle; and providing the current 10-year Capital Improvement Plan (CIP) and any updates to that CIP.

5.2 Annual Report for Infrastructure Renewal Program

Homestead Valley measures the progress of its infrastructure renewal program by the number of feet of pipe replaced and/or repaired and rehabilitated during the past budgeting cycle.

Sewer Repair, Rehabilitation and Replacement Activities Completed in Previous Annual Cycle.

PRIOR CIP ACTIVITIES:

| HVSD CIP - PRIOR YEARS | Bid | Bid | Final | | Notice of | Final |
|---|-----------|-----------|--------|-------------|------------|---------|
| JOBDESCRP | Opening | Amount | Amount | Engineering | Completion | Footage |
| Sewer Extension, Glen Grae | 4/17/1989 | \$22,266 | | | | |
| Homestead Blvd Sewer Extension | 6/14/1990 | \$27,550 | | | | |
| Tamalpais Drive Montford to Laurel (CR) see #6316 | 4/22/1997 | \$58,210 | | | 7/30/1997 | |
| Sewer Rehabilitation Project Tamalpais Montford | 7/15/2002 | \$107,701 | | | 9/24/2002 | |
| Cleaning and Televising of Sewer System | 1/23/2003 | \$46,020 | | | 12/9/2003 | |
| Sewer Rehabilitation Project 2004 | 3/18/2004 | \$138,000 | | | 8/5/2004 | |
| 2005 Sewer Rehab - | 4/12/2005 | \$246,240 | | | 8/26/2005 | |

| | | | | | | |
|---|-----------|-----------|--|--|-----------|--|
| Sewer Rehabilitation Project - Evergreen Ave | 1/18/2007 | \$275,003 | | | 6/1/2007 | |
| 2008 Sewer Rehabilitation Project - Evergreen | 2/14/2008 | \$126,943 | | | 6/17/2008 | |
| 2009 Televising Project - CR (see 7813) | 10/8/2009 | \$27,288 | | | | |

RECENT CIP ACTIVITIES:

| HVSD CIP 2009 - 2013 | | | | | | | |
|--------------------------------|------------|-----------|-----------|---------------------|--------------------|-------------------|------------------|
| 2009 Collaborative Project | 10/15/2009 | \$95,053 | \$98,368 | \$18,643 | 8/24/2010 | 589 | |
| 2010-2011 Pipebursting Project | 3/22/2010 | \$364,968 | \$471,041 | \$70,783 | 10/4/2010 | 4,288 | |
| 2011 Pipebursting Project | 2/22/2011 | \$122,894 | \$214,530 | \$73,779 | 10/26/2011 | 1,830 | |
| 2013-2104 CIP LaVerne & Reed- | 5/22/2013 | \$144,987 | \$222,356 | \$40,897 | 12/20/2013 | 941 | |
| | | | | Construction | Engineering | Total Cost | Total ft. |
| | | | | \$1,006,295 | \$204,102 | \$1,210,397 | 7,648 |

The CIP project for FY 2014/2015:

| HVSD CIP 2014 - 2015 | | Cost | Feet | Line Segments replaced – manhole to manhole. |
|-------------------------------|------------|-------------------|------------------|---|
| Pipeburst 10 inch | 10/01/2014 | \$14,400 | 40 | 500.09-500.11 |
| New 8" HDPE Liner | 10/01/2014 | \$44,750 | 358 | 500.15-500.16-500.17 |
| Upsize 6" to 8" via Pipeburst | 10/01/2014 | \$49,925 | 475 | 500.17-500.19-500.21-500.25 |
| Pipeburst 6" | 10/01/2014 | \$151,330 | 1,531 | 513.05-513.07-513.09-513.11-513.15-513.17-513.22-513.18-513.19; 531.09-531.20-531.21-531.24; 531.05-531.07-531.09; 531.05-531.09-531.24 |
| | | Total Cost | Total ft. | |
| | | \$260,405 | 2,404 | |

The CIP project for FY 2015/2016:

| HVSD CIP FY 2015 - 2016 | | Complete Date | Cost | Feet | Line Segments replaced – manhole to manhole. |
|-------------------------|---------|---------------|-------------------|---------------------------------|--|
| Pipeburst 6" | 4/15/16 | \$524,329 | 4,762 | Please see attached for details | |
| | | | Total Cost | Total ft. | |
| | | | \$524,329 | 4,762 | |

The CIP project for FY 2016/2017:

| HVSD CIP 10/16/16 – 10/15/17 | | Complete Date | Cost | Feet | Line Segments replaced – manhole to manhole. |
|------------------------------|---------|---------------|-------------------|--|--|
| Pipeburst 6" | 9/15/16 | \$147,921 | 995 | 500.17- 522.01, 522.01- 522.03, 400.17-400.13, 400.13 – 400.11 | |
| | | | Total Cost | Total ft. | |
| | | | \$147,921 | 995 | |

2018 - 2019 CIP ACTIVITIES:

| HVSD CIP FY 2018 - 2019 | | Complete Date: Ongoing | Cost | Feet | Line Segments replaced – manhole to manhole. |
|-------------------------|----------------|------------------------|-------------------|---------------------------------|---|
| Pipeburst 6" and 8" | As of 10/15/18 | \$751,390 | 4,609 | Please see attached for details | |
| | | | Total Cost | Total ft. | The HVSD Board approved up to \$1.25M for the current CIP program. Current work completed is detailed here. Additional work scheduled FY18/19 |
| | | | \$751,390 | 4,609 | |

| | | | | |
|--------------------------------|------------------------|-----------|------------------|---|
| HVSD CIP FY 2019 - 2020 | Complete Date: Ongoing | Cost | Feet | Line Segments replaced – manhole to manhole. |
| Pipeburst 6" and 8" | As of 10/15/19 | \$446,101 | 2,462 | Please see attached for details |
| Pipeburst 6" and 8" | As of 10/15/20 | \$794,685 | 3,171 | Please see attached for details |
| Total Cost | | | Total ft. | The HVSD Board approved addition work for the CIP program. Current work completed is detailed here. Additional work scheduled FY20/21 for approximately 1,125 feet. |
| \$1,240,786 | | | 5,633 | |
| HVSD CIP FY 2020- 2021 | Complete Date: | Cost | Feet | Line Segments replaced – manhole to manhole. |
| Pipeburst 6" and 8" | As of 10/15/21 | \$250,953 | 1,639 | Please see attached for details |
| HVSD CIP FY 21/22- 2022 | As of 10/15/22 | | | Please see attached: |
| | Cost | Feet | | |
| | Approx. \$ 357,000 | 2,567 | | |

Homestead Valley is committed to continuing the progress it has made in replacing old pipe at a pace of approximately 2% or \$250,000 per year but have exceeded that rate consistently. The District has replaced about 9,800 feet of pipe since FY 19/20. Beginning in 1974 the Homestead Valley began installing or replacing pipes with PVC or PE rather than VCP. To date, the district has 46,533 feet of PVC or PE pipe, which is approximately 68.9% of the district’s 67,543 feet of installed pipe.

Currently we are concentrating on smaller easement replacements and are approximately half way through the current project. We try to maintain some flexibility to accommodate the County of Marin’s paving projects which are subject to change as well as short notice. Currently, we plan to continue with our collection system replacement projects at about the same rate in the next few years. The District completed our Prop. 218 rate review in May 2021 and our current rate is \$1,275 for FY 22/23(scheduled to increase \$100/EDU annually thru FY24/25. This was required to pay for increased costs at treatment and disposal costs at SASM (\$38B bond) and to fund our CIP Projects.

| HOMESTEAD VALLEY SANITARY DISTRICT - 10 YEAR CIP | | |
|---|---------------|-------------------|
| YEAR | BUDGET | LOCATION |
| 2017-2018 | \$0.0 | Project completed |
| 2018-2019 | \$1,250,000 | Project completed |
| 2019-2020 | \$500,000 | Project completed |
| 2020-2021 | \$250,953 | Project completed |
| 2021-2022 | \$357,000 | See attached |
| 2022-2023 | \$250,000 | In progress |
| 2023-2024 | \$250,000 | To be determined |
| 2024-2025 | \$250,000 | To be determined |
| 2025-2026 | \$250,000 | To be determined |
| 2026-2027 | \$250,000 | To be determined |
| 2027-2028 | \$250,000 | To be determined |
| 2028-2029 | \$250,000 | To be determined |
| 2029-2030 | \$250,000 | To be determined |
| 2030-2031 | \$250,000 | To be determined |
| 2031-2032 | \$250,000 | To be determined |
| 2032-2033 | \$250,000 | To be determined |

Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

X 

Bonner Beuhler
Homestead Valley Sanitary District, Manager

CLEANING PROGRAM

Homestead Valley Sanitary District Pipe History Report

Date Range: from 10/16/21 to 10/14/22
 History Code Filter: HF; ROD; SN
 History Result Filter: ALL

History Type Filter: ALL
 Activity Filter: ALL
 Contractor Filter: ALL

Followup Status: ALL

| Pipe ID | Method | Easin | Length (ft) | | GIS Diam. | Activ. | Follow-up Activ./Status | Contract. | Date | Results | Description |
|-----------------------|--------|--------------------------|-------------|------|-----------|--------|----------------------------|-----------|------------|---------|-------------|
| | | | LF | User | | | | | | | |
| Type: Cleaning | | | | | | | | | | | |
| 101.01-100.11 | HF | <input type="checkbox"/> | 100 | 101 | 6 | | | | 2/17/2022 | | |
| 101.01-100.11 | HF | <input type="checkbox"/> | 100 | 101 | 6 | | | | 9/14/2022 | | |
| 101.01-100.11 | HF | <input type="checkbox"/> | 100 | 101 | 6 | | | | 9/15/2022 | | |
| 101.03-101.01 | SN | <input type="checkbox"/> | 135 | 111 | 6 | | | | 11/27/2021 | G | |
| 101.03-101.01 | HF | <input type="checkbox"/> | 135 | 111 | 6 | | | | 11/30/2021 | GL | |
| 101.03-101.01 | HF | <input type="checkbox"/> | 135 | 111 | 6 | | | | 9/15/2022 | | |
| 300.01-SASM 17 | SN | <input type="checkbox"/> | 222 | 245 | 12 | | | | 1/12/2022 | / RL | |
| 300.03-300.01 | SN | <input type="checkbox"/> | 254 | 245 | 12 | | | | 1/12/2022 | / RL | |
| 301.13-301.11 | ROD | <input type="checkbox"/> | | 66 | 6 | | | | 12/22/2021 | / RM | |
| 301.15-301.13 | ROD | <input type="checkbox"/> | | 190 | 6 | | | | 12/22/2021 | / RM | |
| 301.17-301.15 | ROD | <input type="checkbox"/> | | 105 | 6 | | | | 12/22/2021 | / RM | |
| 301.21-300.09 | SN | <input type="checkbox"/> | | 233 | 6 | | | | 1/12/2022 | / RL | |
| 301.23-301.21 | SN | <input type="checkbox"/> | | 206 | 6 | | | | 12/20/2021 | / RL | |
| 301.25-301.23 | SN | <input type="checkbox"/> | | 194 | 6 | | | | 12/20/2021 | / RL | |
| 301.51-300.13 | ROD | <input type="checkbox"/> | | 144 | 6 | | | | 12/22/2021 | / RL | |
| 410.01-413.01 | ROD | <input type="checkbox"/> | | 353 | 6 | | | | 12/22/2021 | / RM | |
| 410.01-413.11 | SN | <input type="checkbox"/> | | 163 | 6 | | | | 1/12/2022 | | |
| 410.23-410.21 | SN | <input type="checkbox"/> | | 164 | 6 | | | | 1/12/2022 | / RL | |
| 411.01-410.13 | SN | <input type="checkbox"/> | | 47 | 6 | | | | 1/12/2022 | / RH | |
| 411.03-411.01 | SN | <input type="checkbox"/> | | 37 | 6 | | | | 1/12/2022 | / RH | |
| 411.05-411.03 | SN | <input type="checkbox"/> | | 106 | 6 | | | | 1/12/2022 | / RH | |
| 411.07-411.05 | SN | <input type="checkbox"/> | | 113 | 6 | | | | 1/12/2022 | / RH | |
| 412.01-410.07 | HF | <input type="checkbox"/> | | 181 | 6 | | | | 9/14/2022 | | |
| 412.05-412.03 | HF | <input type="checkbox"/> | | 66 | 6 | | | | 9/14/2022 | | |

| Pipe ID | Method | Case | Length (ft) | | Diary | Activ | Follow-up Activ./Status | Contract | Date | Results | Description |
|---------------|--------|--------------------------|-------------|------|-------|-------|----------------------------|----------|------------|---------|---------------------|
| | | | L.P. | User | | | | | | | |
| 412.92-412.91 | SN | <input type="checkbox"/> | | 66 | 6 | | | | 2/24/2022 | RL | |
| 412.93-412.92 | SN | <input type="checkbox"/> | | 7 | 6 | | | | 2/24/2022 | RL | |
| 412.94-412.79 | SN | <input type="checkbox"/> | | 121 | 6 | | | | 2/24/2022 | RL | |
| 412.95-412.94 | SN | <input type="checkbox"/> | | 6 | 6 | | | | 2/24/2022 | RL | |
| 414.01-400.03 | ROD | <input type="checkbox"/> | | 256 | 6 | | | | 12/22/2021 | / RL | |
| 414.03-414.01 | ROD | <input type="checkbox"/> | | 141 | 6 | | | | 12/22/2021 | / RL | |
| 414.04-414.03 | ROD | <input type="checkbox"/> | | 167 | 6 | | | | 12/21/2021 | / RL | |
| 414.05-414.04 | ROD | <input type="checkbox"/> | | 32 | 6 | | | | 12/21/2021 | / RL | |
| 414.07-414.05 | ROD | <input type="checkbox"/> | | 133 | 6 | | | | 12/21/2021 | / RL | |
| 414.09-414.07 | ROD | <input type="checkbox"/> | | 122 | 6 | | | | 12/21/2021 | / RL | |
| 414.11-414.09 | ROD | <input type="checkbox"/> | | 141 | 6 | | | | 12/21/2021 | / RL | |
| 414.13-414.11 | ROD | <input type="checkbox"/> | | 221 | 6 | | | | 12/21/2021 | / RL | |
| 414.14-414.13 | ROD | <input type="checkbox"/> | | 13 | 6 | | | | 12/21/2021 | / RL | |
| 414.15-414.14 | ROD | <input type="checkbox"/> | | 84 | 6 | | | | 12/22/2021 | / RL | |
| 414.17-414.15 | ROD | <input type="checkbox"/> | | 103 | 6 | | | | 12/22/2021 | / RL | |
| 414.25-414.23 | SN | <input type="checkbox"/> | | 291 | 6 | | | | 11/30/2021 | RL | |
| 414.41-414.14 | SN | <input type="checkbox"/> | | 90 | 6 | | | | 1/17/2022 | / RL | |
| 414.43-414.41 | SN | <input type="checkbox"/> | | 114 | 6 | | | | 1/17/2022 | / RL | |
| 414.45-414.43 | SN | <input type="checkbox"/> | | 86 | 6 | | | | 1/17/2022 | / RL | Rebar stake in line |
| 420.01-400.05 | ROD | <input type="checkbox"/> | | 280 | 6 | | | | 11/30/2021 | | |
| 420.03-420.01 | ROD | <input type="checkbox"/> | | 222 | 6 | | | | 11/30/2021 | | |
| 420.05-420.03 | ROD | <input type="checkbox"/> | 120 | 219 | 6 | | | | 11/30/2021 | | |
| 420.07-420.05 | ROD | <input type="checkbox"/> | | 236 | 6 | | | | 11/30/2021 | | |
| 420.11-420.09 | ROD | <input type="checkbox"/> | | 281 | 6 | | | | 12/21/2021 | / RL | |
| 420.13-420.11 | ROD | <input type="checkbox"/> | | 122 | 6 | | | | 12/21/2021 | / RL | |
| 420.17-420.13 | ROD | <input type="checkbox"/> | | 215 | 6 | | | | 12/1/2021 | | |
| 420.19-420.17 | ROD | <input type="checkbox"/> | | 182 | 6 | | | | 12/1/2021 | | |
| 420.21-420.19 | ROD | <input type="checkbox"/> | | 74 | 6 | | | | 12/1/2021 | | |
| 420.23-420.21 | ROD | <input type="checkbox"/> | | 125 | 6 | | | | 12/1/2021 | | |
| 420.25-420.23 | HF | <input type="checkbox"/> | | 116 | 6 | | | | 10/7/2022 | GL | |
| 420.27-420.25 | HF | <input type="checkbox"/> | | 126 | 6 | | | | 10/7/2022 | GL | |
| 420.29-420.27 | HF | <input type="checkbox"/> | | 54 | 6 | | | | 2/17/2022 | GH | |
| 420.29-420.27 | HF | <input type="checkbox"/> | | 54 | 6 | | | | 10/7/2022 | GL | |
| 422.01-420.19 | SN | <input type="checkbox"/> | | 26 | 6 | | | | 11/20/2021 | | |

| App ID | Type | Pass | Length (ft) | | Dir | Act | Follow-up Date/Status | Contract | Date | Results | Description |
|---------------|------|--------------------------|-------------|-----|-----|-----|--------------------------|----------|------------|---------|----------------|
| | | | Top | Bot | | | | | | | |
| 422.01-420.19 | SN | <input type="checkbox"/> | | 26 | 6 | | | | 11/30/2021 | RL | |
| 422.03-422.01 | SN | <input type="checkbox"/> | | 109 | 6 | | | | 11/30/2021 | RL | |
| 422.05-422.03 | SN | <input type="checkbox"/> | | 122 | 6 | | | | 11/30/2021 | RL | |
| 422.07-422.05 | SN | <input type="checkbox"/> | | 100 | 6 | | | | 11/29/2021 | RH | |
| 422.09-422.07 | SN | <input type="checkbox"/> | | 71 | 6 | | | | 11/29/2021 | RH | |
| 422.11-422.09 | SN | <input type="checkbox"/> | | 59 | 6 | | | | 11/29/2021 | RH | |
| 422.13-422.11 | SN | <input type="checkbox"/> | | 65 | 6 | | | | 11/29/2021 | RL | |
| 423.01-420.29 | SN | <input type="checkbox"/> | | 89 | 6 | | | | 11/29/2021 | RL | |
| 423.03-423.01 | SN | <input type="checkbox"/> | | 110 | 6 | | | | 11/30/2021 | RL | |
| 423.05-423.03 | SN | <input type="checkbox"/> | | 128 | 6 | | | | 11/30/2021 | RL | |
| 500.06-500.05 | HF | <input type="checkbox"/> | 115 | 68 | 12 | | | | 10/7/2022 | GM | |
| 500.09-500.06 | HF | <input type="checkbox"/> | 237 | 237 | 12 | | | | 10/7/2022 | GM | |
| 500.11-500.09 | HF | <input type="checkbox"/> | | 70 | 10 | | | | 10/7/2022 | GM | |
| 500.13-500.11 | HF | <input type="checkbox"/> | 255 | 307 | 12 | | | | 10/7/2022 | GM | |
| 500.15-500.13 | HF | <input type="checkbox"/> | 250 | 276 | 12 | | | | 10/7/2022 | GM | |
| 500.16-500.15 | HF | <input type="checkbox"/> | 326 | 336 | 10 | | | | 10/7/2022 | GM | |
| 500.17-500.16 | HF | <input type="checkbox"/> | 70 | 74 | 8 | | | | 10/7/2022 | GM | |
| 500.19-500.17 | HF | <input type="checkbox"/> | 125 | 105 | 6 | | | | 10/3/2022 | | Trailer Jetter |
| 500.21-500.19 | HF | <input type="checkbox"/> | | 116 | 6 | | | | 10/3/2022 | | Trailer Jetter |
| 500.25-500.21 | HF | <input type="checkbox"/> | | 212 | 6 | | | | 10/3/2022 | | Trailer Jetter |
| 500.26-500.25 | HF | <input type="checkbox"/> | 164 | 173 | 6 | | | | 3/1/2022 | / GH | |
| 500.26-500.25 | HF | <input type="checkbox"/> | 164 | 173 | 6 | | | | 10/3/2022 | | Trailer Jetter |
| 500.27-500.26 | HF | <input type="checkbox"/> | 57 | 59 | 6 | | | | 3/1/2022 | / GH | |
| 500.27-500.26 | HF | <input type="checkbox"/> | 57 | 59 | 6 | | | | 10/3/2022 | | Trailer Jetter |
| 500.29-500.27 | HF | <input type="checkbox"/> | 255 | 248 | 6 | | | | 3/1/2022 | / GH | |
| 500.29-500.27 | HF | <input type="checkbox"/> | 255 | 248 | 6 | | | | 9/30/2022 | | |
| 500.31-500.29 | HF | <input type="checkbox"/> | | 115 | 6 | | | | 9/30/2022 | | |
| 500.32-500.31 | HF | <input type="checkbox"/> | | 133 | 6 | | | | 9/30/2022 | | |
| 500.33-500.32 | HF | <input type="checkbox"/> | | 74 | 6 | | | | 9/30/2022 | | |
| 500.35-500.33 | HF | <input type="checkbox"/> | | 47 | 6 | | | | 9/29/2022 | | |
| 500.37-500.35 | HF | <input type="checkbox"/> | | 100 | 6 | | | | 9/29/2022 | | |
| 500.39-500.37 | HF | <input type="checkbox"/> | 125 | 145 | 6 | | | | 9/29/2022 | | |
| 500.41-500.39 | HF | <input type="checkbox"/> | 300 | 271 | 6 | | | | 9/29/2022 | | |
| 501.01-500.01 | SN | <input type="checkbox"/> | | 99 | 6 | | | | 1/12/2022 | / RL | |



SSO - SSO Search [?](#) [SSO Menu](#)

Regional Water Board:

Agency: Homestead Valley Sanitary District
 Sanitary Sewer System: Homestead Valley Sanitary Dist CS
 WDID: 2SSO10143

Enter any search criteria and click "Search".

Agency:

Sanitary Sewer System:

WDID:

Event ID:

Location Name:

Street (Number+Name):

City: Zip: County:

Regional Water Board:

Latitude: deg. min. sec. OR decimal degrees

Longitude: deg. min. sec. OR decimal degrees

Spill Date Range: to (Date Format: MM/DD/YYYY)

Highlight auto upload in green

SSO Certification Step:

Search Results:

[Export to Excel](#) Show: Previous Next

| Event ID | Cert Step | Version | Region | Type | Category | Spill Volume | Collection System | WDID | Spill Start | Location Name | Address |
|------------------------|-----------|---------|--------|------|------------|--------------|-----------------------------------|-----------|---------------------|--|---------|
| 883330 | Certified | 1.0 | 2 | SSO | Category 3 | 25 | Homestead Valley Sanitary Dist CS | 2SSO10143 | 2022-09-13 19:50:00 | MH 412.05 | CA |
| 881895 | Certified | 1.0 | 2 | SSO | Category 3 | 25 | Homestead Valley Sanitary Dist CS | 2SSO10143 | 2022-06-19 09:00:00 | MH 540.01 | CA |
| 880068 | Certified | 1.0 | 2 | SSO | Category 3 | 10 | Homestead Valley Sanitary Dist CS | 2SSO10143 | 2022-03-21 06:30:00 | 503 Pixie Trail | CA |
| 878175 | Certified | 1.0 | 2 | SSO | Category 3 | 50 | Homestead Valley Sanitary Dist CS | 2SSO10143 | 2021-11-20 17:00:00 | RH 422.03 | CA |
| 877913 | Certified | 1.0 | 2 | SSO | Category 3 | 75 | Homestead Valley Sanitary Dist CS | 2SSO10143 | 2021-11-27 18:00:00 | MH 101.03 | CA |
| 873376 | Certified | 1.0 | 2 | SSO | Category 3 | 850 | Homestead Valley Sanitary Dist CS | 2SSO10143 | 2021-04-03 08:00:00 | RH 541.19 | CA |
| 868361 | Certified | 1.1 | 2 | SSO | Category 1 | 950 | Homestead Valley Sanitary Dist CS | 2SSO10143 | 2020-08-06 14:00:00 | MH 500.27 | CA |
| 867462 | Certified | 1.0 | 2 | SSO | Category 1 | 5 | Homestead Valley Sanitary Dist CS | 2SSO10143 | 2020-06-14 12:00:00 | RH 541.01 pipe located 5 feet away | CA |
| 866718 | Certified | 1.0 | 2 | SSO | Category 3 | 50 | Homestead Valley Sanitary Dist CS | 2SSO10143 | 2020-05-05 16:17:00 | 315 Rydal Avenue Mill Valley CA | CA |
| 865941 | Certified | 1.0 | 2 | SSO | Category 1 | 100 | Homestead Valley Sanitary Dist CS | 2SSO10143 | 2020-04-01 12:45:00 | RH 500.35 | CA |
| 865636 | Certified | 1.1 | 2 | SSO | Category 3 | 25 | Homestead Valley Sanitary Dist CS | 2SSO10143 | 2020-03-03 11:00:00 | 59 Loring Avenue Mill Valley, CA private lateral | CA |
| 865318 | Certified | 1.0 | 2 | SSO | Category 3 | 100 | Homestead Valley Sanitary Dist CS | 2SSO10143 | 2020-02-22 11:30:00 | MH 110.21 and RH 110.22 | CA |
| 862314 | Certified | 1.0 | 2 | SSO | Category 3 | 70 | Homestead Valley Sanitary Dist CS | 2SSO10143 | 2019-10-19 08:00:00 | RH 112.17 | CA |
| 861005 | Certified | 1.0 | 2 | SSO | Category 3 | 840 | Homestead Valley | 2SSO10143 | 2019-09- | RH 500.35 | CA |

PIPEBUST/LINING

Homestead Valley Sanitary District Pipe History Report

Date Range: from 10/16/2021 to 10/10/2022
History Code Filter: RWL; RPB
History Result Filter: ALL

History Type Filter: ALL
Activity Filter: ALL
Contractor Filter: ALL

Followup Status: ALL

| Pipe ID | Method | Easm | Length (ft) | | GTS | Diam | Activ. | Follow-up Activ./Status | Contract. | Date | Results | Description |
|---------------------|--------|--------------------------|-------------|------|-----|------|--------|----------------------------|-----------|-----------|---------|---|
| | | | L.F. | User | | | | | | | | |
| Type: Repair | | | | | | | | | | | | |
| 412.13-412.09 | RPB | <input type="checkbox"/> | | | 84 | 6 | | | | 9/20/2022 | | Pacific Trenchless 2022 CIP |
| 412.15-412.13 | RPB | <input type="checkbox"/> | | | 66 | 6 | | | | 9/20/2022 | | Pacific Trenchless 2022 CIP |
| 412.51-412.10 | RWL | <input type="checkbox"/> | | | 40 | 6 | | | | 9/20/2022 | | Pacific Trenchless 2022 CIP |
| 412.52-412.51 | RWL | <input type="checkbox"/> | | | 135 | 6 | | | | 9/20/2022 | | Pacific Trenchless 2022 CIP |
| 412.53-412.52 | RWL | <input type="checkbox"/> | | | 32 | 6 | | | | 9/20/2022 | | Pacific Trenchless 2022 CIP |
| 412.60-412.13 | RPB | <input type="checkbox"/> | | 27 | 55 | 6 | | | | 9/20/2022 | | Pacific Trenchless 2022 CIP |
| 412.61-412.60 | RPB | <input type="checkbox"/> | | 56 | 27 | 6 | | | | 9/20/2022 | | Pacific Trenchless 2022 CIP |
| 412.63-412.61 | RPB | <input type="checkbox"/> | | 79 | 79 | 6 | | | | 9/20/2022 | | Pacific Trenchless 2022 CIP |
| 412.65-412.63 | RPB | <input type="checkbox"/> | | 105 | 105 | 6 | | | | 9/20/2022 | | Pacific Trenchless 2022 CIP |
| 412.67-412.65 | RPB | <input type="checkbox"/> | | 83 | 83 | 6 | | | | 9/20/2022 | | Pacific Trenchless 2022 CIP |
| 412.69-412.67 | RPB | <input type="checkbox"/> | | 261 | 260 | 6 | | | | 9/20/2022 | | Pacific Trenchless 2022 CIP |
| 412.71-412.69 | RPB | <input type="checkbox"/> | | 86 | 85 | 6 | | | | 9/20/2022 | | Pacific Trenchless 2022 CIP |
| 413.11-413.13 | RWL | <input type="checkbox"/> | | 150 | 150 | 6 | | | | 9/20/2022 | | Pacific Trenchless 2022 CIP |
| 413.33-413.35 | RWL | <input type="checkbox"/> | | 106 | 106 | 6 | | | | 9/20/2022 | | Pacific Trenchless 2022 CIP |
| 413.35-413.37 | RWL | <input type="checkbox"/> | | 102 | 101 | 6 | | | | 9/20/2022 | | Pacific Trenchless 2022 CIP |
| 413.37-413.39 | RWL | <input type="checkbox"/> | | 121 | 121 | 6 | | | | 9/20/2022 | | Pacific Trenchless 2022 CIP |
| 541.01-540.05 | RPB | <input type="checkbox"/> | | 112 | 105 | 6 | | | | 11/1/2021 | | Pacific Trenchless - 2018-21 CIP phase 4 |
| 541.03-541.01 | RPB | <input type="checkbox"/> | | 89 | 86 | 6 | | | | 11/1/2021 | | Pacific Trenchless - 2018-21 CIP phase 4 |
| 541.05-541.03 | RPB | <input type="checkbox"/> | | 105 | 104 | 6 | | | | 11/1/2021 | | Pacific Trenchless - 2018-21 CIP phase 4 |
| 541.07-541.05 | RPB | <input type="checkbox"/> | | 35 | 34 | 6 | | | | 11/1/2021 | | Pacific Trenchless - 2018-21 CIP phase 4 |
| 541.07-541.05 | RWL | <input type="checkbox"/> | | 35 | 34 | 6 | | | | 11/1/2021 | | Pacific Trenchless - 2018-21 CIP phase 4 |

| Pipe ID | Method | Easmt | Length (ft) | | | Activ. | Follow-up Activ./Status | Contract. | Date | Results | Description |
|---------------|--------|--------------------------|--------------|--------------|----------|--------|----------------------------|-----------|------|---|-------------|
| | | | L.F. | User | GIS Diam | | | | | | |
| 541.11-541.09 | RWL | <input type="checkbox"/> | 65 | 109 | 6 | | | 11/1/2021 | | Pacific Trenchless - 2018-21 CIP phase 4 | |
| 541.13-541.11 | RWL | <input type="checkbox"/> | 145 | 122 | 6 | | | 11/1/2021 | | Pacific Trenchless - 2018-21 CIP phase 4 | |
| 541.15-541.13 | RWL | <input type="checkbox"/> | 140 | 86 | 6 | | | 11/1/2021 | | Pacific Trenchless - 2018-21 CIP phase 4 | |
| 541.17-541.15 | RWL | <input type="checkbox"/> | 105 | 138 | 6 | | | 11/1/2021 | | Pacific Trenchless - 2018-21 CIP phase 4 | |
| 541.19-541.17 | RWL | <input type="checkbox"/> | 97 | 90 | 6 | | | 11/1/2021 | | Pacific Trenchless - 2018-21 CIP phase 4 | |
| 541.21-541.19 | RWL | <input type="checkbox"/> | 178 | 137 | 6 | | | 11/1/2021 | | Pacific Trenchless - 2018-21 CIP phase 4 | |
| 541.23-541.21 | RWL | <input type="checkbox"/> | 60 | 91 | 6 | | | 11/1/2021 | | Pacific Trenchless - 2018-21 CIP phase 4 | |
| 541.25-541.23 | RWL | <input type="checkbox"/> | 140 | 170 | 6 | | | 11/1/2021 | | Pacific Trenchless - 2018-21 CIP phase 4 | |
| SubTotal: | | | 2,482 | 2,835 | | | | | | | |
| Total: | | | 2,482 | 2,835 | | | | | | | |